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Attorney Docket No. 5649-1075

cket No. 5649-1075

**PATENT** 

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Gab-jin Nam et al; Application No.: 10/616,056 Filed: July 9, 2003

For: METHODS OF FORMING ELECTRONIC DEVICES INCLUDING DIELECTRIC

LAYERS WITH DIFFERENT DENSITIES OF TITANIUM AND RELATED

STRUCTURES

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Date: September 14, 2004

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the waiver by the U.S. Patent and Trademark Office of requirements under 37 C.F.R. § 1.98(a)(2)(i) for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Also enclosed is a translation of the Korean Office Action of July 28, 2004.

It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP.

No fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

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| Substitute form | 1449A/PTO           | POIPE             | Complete if Known      |                    |  |
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|                 | /                   | <u>'</u>          | Application Number     | 10/616,056         |  |
| INFORMATI       | ON DISCLOSUR        | E SEP 16 2004 없   | Filing Date            | July 9, 2003       |  |
| STATEMEN        | T BY APPLICAN       | T SEP 10 MOVE (A) | First Named Inventor   | Gab-jin Nam et al. |  |
| 017112111211    |                     |                   | Group Art Unit         | 2812               |  |
| (use as many s  | heets as necessary) | THE SEPTEMBER     | Examiner Name          |                    |  |
| Sheet 1         | of                  | ATTEOBURE         | Attorney Docket Number | 5649.1073          |  |

|                       |          | -                    | U.S. PATENTS A          | ND PATENT PUBLICATIONS                          |                              |  |
|-----------------------|----------|----------------------|-------------------------|---|------------------------------|--|
| Examiner<br>Initials* | Cite No. | U.S. Patent Document |                         | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited |  |
|                       |          | Number               | Kind Code<br>(if known) | Document  | Document<br>MM-DD-YYYY       |  |
|                       |          | US-                  | -                       |   |                              |  |
|                       |          | US-                  |                         |   |                              |  |
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|                       |          | US-                  |                         |   |                              |  |

|                       |   |   |                 | FOREIGN PA  | ATENT DOCUMENTS                                 |                                       |    |  |
|-----------------------|---|---|-----------------|---|---|---------------------------------------|----|--|
| Examiner<br>Initials* | Cite<br>No.   | Foreign Patent Document   |                 | ment  | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document | T  |  |
|                       |   | Office  | Number          | Kind Code<br>(if known)   | Document  | MM-DD-YYYY                            |    |  |
|                       | 1.  |   | KR 010060566A   |   | English Translation of Abstract                 | 07/07/2001                            | İ  |  |
|                       | 2.  |   | KR 2001-0060566 |   | Korean Publication                              | 07/07/2001                            |    |  |
|                       | 3.  |   | KR 010045961    |   | English Translation of Abstract                 | 06/05/2001                            | [  |  |
|                       | 4.  |   | KR 2001-0045961 |   | Korean Publication                              | 06/25/2001                            |    |  |
|                       |   |   |                 |   |   |                                       | ļ  |  |
|                       |   |   |                 |   |   |                                       |    |  |
|                       |   |   |                 |   |   |                                       |    |  |
|                       |   |   |                 | 1   |   |                                       |    |  |
|                       |   |   | OTHER           | NON DATEN   | T LITERATURE DOCUMENTS                          |                                       |    |  |
| Examiner              | Cite  | Include   |                 |   |   | nook magazine journal                 | ΤT |  |
| Initials*             | No.   |   |                 | e author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |   |                                       |    |  |
|                       | 5.  | English Translation of Korean Notice of Office Action for Korean App. No. 10-2002-0063024, July 28, 2004. |                 |   |   |                                       |    |  |
|                       | 6. Korean Notice of Office Action for Korean App. No. 10-2002-0063024, July 28, 2004. |   |                 |   |   |                                       |    |  |
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